



The State of New Hampshire APR02'19 PM12:27 DAS
Department of Environmental Services



Robert R. Scott, Commissioner

March 28, 2019

His Excellency, Governor Christopher T. Sununu
and The Honorable Council
State House
Concord, NH 03301

REQUESTED ACTION

Approve Spindrift Trust's request for a five year permit time extension in accordance with RSA 482-A:3, XIV-a to perform the following work on Lake Winnepesaukee in Tuftonboro. File # 2014-00261. This project was previously approved by the Governor and Executive Council on July 16, 2014, Item #68, and will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

The New Hampshire Department of Environmental Services (NHDES) finds that the applicant has demonstrated all of the following:

1. The permit for which the extension is being sought has not been revoked or suspended without reinstatement.
2. The extension will not violate a condition of law or rule.
3. The project is proceeding toward completion in accordance with the plans and other documentation referenced in the permit dated May 23, 2014.
4. The applicant proposes reasonable mitigation measures to protect the public waters for the state from deterioration during the period of extension.

The New Hampshire Department of Environmental Services (NHDES) imposed the following conditions as part of this approval:

1. All work shall be in accordance with plans by White Mountain Survey and Engineering revision dated April 23, 2014, as received by the NH Department of Environmental Services (DES) on April 25, 2014.
2. This permit shall not be effective until it has been recorded with the county Registry of Deeds office by the Permittee. A copy of the recorded permit shall be submitted to the DES Wetlands Bureau prior to construction.
3. The owner shall file a restrictive covenant in the appropriate registry of deeds limiting the use of the boathouse to the storage of boats and boating-related accessories. A copy of the recorded covenant permit shall be submitted to the DES Wetlands Bureau by certified mail, return receipt requested, prior to construction.
4. Any further alteration of areas on this property that are within the jurisdiction of the DES Wetlands Bureau will require a new application and further permitting by the Bureau.
5. The boathouse shall be a single-story structure; ridgeline not to exceed 15 ft. in height (Elev. 519.32 ft.) above normal high water (Elev. 504.32 ft.).
6. Dewatering of work areas and dredged materials shall be discharged to sediment basins located in uplands and lined with hay bales or other acceptable sediment trapping liner.
7. All dredged and excavated material and construction related debris shall be placed outside of the areas under the jurisdiction of the DES Wetlands Bureau.
8. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain in place until the area is stabilized.

www.des.nh.gov

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095

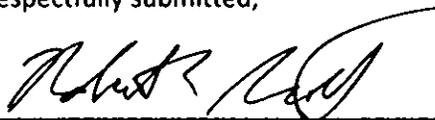
NHDES Main Line: (603) 271-3503 • Subsurface Fax: (603) 271-6683 • Wetlands Fax: (603) 271-6588

TDD Access: Relay NH 1 (800) 735-2964

9. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area and shall remain in place until suspended particles have settled and water at the work site has returned to normal clarity.
10. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
11. The owner understands and accepts the risk that if there is deposition of sediment within the dug-in basin, to such an extent that a slip depth of 3 ft. as measured at normal high water cannot be maintained for at least 6 years, or the accumulation of sediment in the dug-in basin is shown to have an adverse impact on abutting frontages, the dug-in boathouse shall be subject to removal and the shoreline shall be restored to preconstruction conditions.
12. This facility is permitted with the condition that future maintenance dredging, if needed, shall not be permitted more frequently than once every 6 years, and that a new permit shall be required for each dredge activity.
13. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.

Application file documents are being forwarded to the Governor and the Executive Council in connection with their consideration of this matter pursuant to RSA 482-A:3,II.(a) as it is a major project in public waters of the state.

Respectfully submitted,



Robert R. Scott
Commissioner



WETLANDS & SHORELAND REQUEST FOR PERMIT TIME EXTENSION



Water Division/ Wetlands Bureau/ Land Resources Management
Check the status of your permit: www.des.nh.gov/onestop

RSA/Rule: RSA 482-A, RSA 483-B

| | | |
|--|-------------------------|---|
| | Administrative Use Only | Permit Not to Extend Beyond May Permit Expiration Date: |
| | | Authorized By: |
| | | Printed Name: |
| | | Date: |

Under Wetlands and Shoreland statutes RSA 482-A:3 XIV-a and RSA 483-B:5-b VI, respectively, an applicant may request a permit time extension if the conditions in Section B are met. This request must be submitted no sooner than 90 days prior to, but before the Wetland or Shoreland permit expires. Once the permit expires, it is no longer eligible for a permit time extension. The blank space at the top of this page is for Registry of Deeds use.

| 1. PROJECT AND OWNER INFORMATION | | | |
|---|---------------|---|-------------------------|
| PROJECT ADDRESS: 100 Chase Point Road | | | |
| TOWN/CITY: Mirror Lake | | STATE: NH | ZIP CODE: 03853 |
| TAX MAP: 26 | LOT NUMBER: 4 | BLOCK: 2 | UNIT: |
| PERMIT NUMBER: 2014-00261 | | PERMIT TYPE: <input type="checkbox"/> SHORELAND <input checked="" type="checkbox"/> WETLAND | |
| Request must be filed no sooner than 90 days prior to, but before the permit expires. | | | |
| PERMIT EXPIRATION DATE: 05/23/2019 | | | |
| OWNER/AUTHORIZED AGENT: Spendthrift Trust; Kevin Clark, Trustee | | | |
| ADDRESS: | | TOWN/CITY: | STATE: I ZIP CODE: |
| EMAIL: | PHONE: | FAX: | |

shoreland@des.nh.gov or (603) 271-2147
NHDES Wetlands Bureau, PO Box 95, Concord, NH 03303-0095
www.des.nh.gov

2. INFORMATION REQUIRED FOR REQUEST ACCEPTANCE

If your request includes all the required materials, initials and signature demonstrating that the following conditions have been met, your request will be granted, and you will receive this page, signed and annotated with the new permit expiration date as evidence of your extension. If your request package does not include all the required materials, initials and signature, it will be returned to you with this page annotated with the missing/non-compliant items indicated. **Initial each box below to accept the conditions.**

| | | |
|---|--|--|
| KRL | RSA 482-A:3, XIV-a, (a), and RSA 483-B:5-b VI, (a) | The permit for which extension is sought has not been revoked or suspended without reinstatement. |
| KRL | RSA 482-A:3, XIV-a, (b) and RSA 483-B:5-b VI, (b) | Extension would not violate a condition of law or rule. |
| KRL | RSA 482-A:3, XIV-a, (c) and RSA 483-B:5-b VI, (c) | The project is proceeding towards completion in accordance with plans and other documentation referenced by the permit. |
| KRL | RSA 482-A:3, XIV-a (e) and Env-Wq 1406.19 | There are no amendments or changes to the permit description, conditions or approved plans that would require an amendment or a new application. |
| <input type="checkbox"/> N/A | For Wetlands Permits Only: RSA 482-A:3, XIV-a, (d) | The applicant proposes reasonable mitigation measures to protect the public waters of the state from deterioration during the period of extension. Check N/A if this is a Shoreland Permit. |
| <input checked="" type="checkbox"/> N/A | For Shoreland Permits Only: RSA 483-B:5-b VI, (d) | The applicant proposes reasonable mitigation measures to protect the shorelands and public waters of the state from deterioration during the period of extension. Check N/A if this is a Wetlands Permit. |

3. REQUIRED CERTIFICATIONS

Initial each box below to accept the conditions.

| | |
|-----|--|
| KRL | I understand that this Request qualifies as the single allowable Permit Time Extension (of up to 5 additional years) and further time extensions for this permit are not allowed in accordance with RSA 482-A:3, XIV-a, RSA 483-B:5-b VI, Env-Wt 502.01 and Env-Wq 1406.19, as applicable. |
| KRL | I understand that any Request for Permit Time Extension accepted by NHDES does not relieve the Owner, Authorized Agent or Applicant from the obligation to comply with other local, state or federal laws or rules as may be required. |
| KRL | I understand that any Request for Permit Time Extension accepted by NHDES, based on false, incomplete, or misleading information on the application, plans or attachments shall be subject to enforcement action. |
| KRL | I understand that this Request for Permit Time Extension does not request any redesign of the project to meet any rule requirements that are more stringent than the rules in effect when the permit was issued. |
| KRL | I understand that work must be completed in accordance with the description and conditions of the approved permit. |

4. REQUIRED SIGNATURE OWNER AUTHORIZED AGENT APPLICANT

SIGNATURE: *K. P. Clark* PRINT NAME LEGIBLY: *Kevin P. Clark* DATE: *3-8-2019*

shoreland@des.nh.gov or (603) 271-2147
 NHDES Wetlands Bureau, PO Box 95, Concord, NH 03303-0095
 www.des.nh.gov



WETLANDS PERMIT APPLICATION

| | | | |
|--|--------------------------------|-----------|-----|
| 2014-00261 | 2-226-40 | 2, 226-40 | Emk |
| DATE RECEIVED JAN 27 2014 NHDES LAND RESOURCES MANAGEMENT | COMPLETE JAN 27 2014 | | |

1. REVIEW TIME: Check the applicable box to indicate your review time. Refer to Guidance Document A for a summary of the minimum impact criteria to determine if your review time is Standard or Expedited.

- Standard Review (Minimum, Minor or Major Impact) Expedited Review (Minimum Impact)

2. APPLICATION CHECKLIST: This checklist is provided to allow you to confirm all the required items are submitted.

Please initial next to each item below to confirm these items, required for administrative review, are included in your application. Please note that your application and accompanying items will be returned to you if the below items are not provided. Refer to the number in parentheses next to each item for detailed instructions for completing that item.

- DKA Check for the application fee (no. 9A)
- DKA Completed application form with project description (no. 7) and required signatures (no.'s 10 & 13)
- DKA Completed U.S. Army Corps of Engineers New Hampshire Programmatic General Permit Appendix B (no. 9B)
- DKA Natural Heritage Bureau (NHB) report (no. 9C)
- DKA Is the project within a 1/4 mile of a designated river? Y N. If yes, provide confirmation a copy of application sent to the Local Advisory Committee (no. 9D)
- DKA Color copy of a USGS map (no. 9E)
- DKA Photographs of the impact area (no. 9F)
- DKA Plans (no. 9G)
- DKA Copy of your tax map (no. 9H.1)

Please initial next to each item to confirm that the following items, required for technical review, as applicable, are included in your application. Please note that if applicable items are not provided, you may receive a letter requesting outstanding items or your application may be denied.

- DKA Abutters list and copies of certified mail slips (no. 9H.2)
- DKA Response to the two (2) minimum impact questions (no. 9I)
- DKA Attachment A - Response to the twenty (20) minor and major impact questions
- N/A Copies of comments, beyond the required NHB report, from NHB or the New Hampshire Fish and Game Department (NHFG) (no. 9C)
- N/A Mitigation Agreement Form and materials (no. 9J)
- N/A Date, time, contact information and a copy of notes for any pre-application meetings or correspondence with Wetlands Bureau Staff
- DKA Property Owner or Applicant permission, as required (no.'s 3 & 4)
- DKA Attachment B - Design Consideration & General Plan Requirements
- N/A Attachment C - Stream Crossing Requirements & Information
- N/A Function and Value Assessment

3. PROPERTY OWNER INFORMATION

NAME

TRUST / COMPANY NAME: Spindrift Trust c/o Kevin Clark

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize DES to communicate all matters relative to this application electronically.

OWNER PERMISSION: I hereby authorize the applicant and/or agent indicated below to act in my behalf as the applicant and/or my agent in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.

Applicant name

White Mountain Survey & Engineering, Inc.

Agent name

Property Owner Signature

Date

4. APPLICANT INFORMATION (if different than property owner)

NAME

COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize DES to communicate all matters relative to this application electronically.

APPLICANT PERMISSION: I hereby authorize the agent indicated below to act in my behalf as the agent in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.

Agent name

Applicant's Signature

Date

5. AGENT INFORMATION

NAME: David R. Aiton

COMPANY NAME: White Mountain Survey & Engineering, Inc.

MAILING ADDRESS: PO Box 440

TOWN/CITY: Ossipee

STATE: NH

ZIP CODE: 03864

EMAIL/FAX: daiton@whitemountainsurvey.com

PHONE: 603-539-4118 Ext. 305

ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize DES to communicate all matters relative to this application electronically.

6. PROJECT LOCATION (A separate application must be filed with each municipality that jurisdictional impacts will occur in)

| | | | | | |
|--|----------|--------|----------------------|--|--|
| ADDRESS: 100 Chase Point Road | | | TOWN/CITY: Tufonboro | | |
| TAX MAP: 26 | BLOCK: 2 | LOT: 4 | UNIT: | | |
| US GEOLOGICAL SURVEY TOPO MAP WATERBODY NAME: Lake Winnepesaukee | | | | | |
| LOCATION COORDINATES (If known): 43.6453°/-71.3011° <input checked="" type="checkbox"/> Latitude/Longitude <input type="checkbox"/> UTM <input type="checkbox"/> State Plane | | | | | |

7. PROJECT DESCRIPTION Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed explanation of your project. **DO NOT** reply "See Attached" in the space provided below on your application. Risks being returned as incomplete.

Construction of a boathouse dug into the banking for the purpose of storing watercraft.

For each jurisdictional area that will be or has been impacted, provide square feet and, if applicable, linear feet of impact. Temporary impacts that are not intended to remain after the project is completed. After-the-fact work completed prior to receipt of this application by DES.

| | Permanent Sq. Ft. | Permanent Lin. Ft. | Temporary Sq. Ft. | Temporary Lin. Ft. | After-the-fact Sq. Ft. | After-the-fact Lin. Ft. |
|-------------------------------------|-------------------------|-----------------------|-----------------------|--------------------|------------------------|-------------------------|
| Forested wetland | | | | | | |
| Scrub-shrub wetland | | | | | | |
| Emergent wetland | | | | | | |
| Wet meadow | | | | | | |
| Intermittent stream | | | | | | |
| Perennial stream / river | | | | | | |
| Lake or pond | 822 (bed) 201 (bank) | 34 (bed) 30 (bank) | 33 (bed) 76 (bank) | 7 | | |
| Tidal water | | | | | | |
| Salt marsh | | | | | | |
| Sand dune | | | | | | |
| Prime wetland | | | | | | |
| Prime wetland buffer | | | | | | |
| Undeveloped Tidal Buffer Zone (TBZ) | | | | | | |
| Previously-developed upland in TBZ | | | | | | |
| Total: | 1023 | 34 | 109 | 7 | | |

6. PROJECT LOCATION (A separate application must be filed with each municipality that jurisdictional impacts will occur in)

ADDRESS: 100 Chase Point Road TOWN/CITY: Tuftonboro

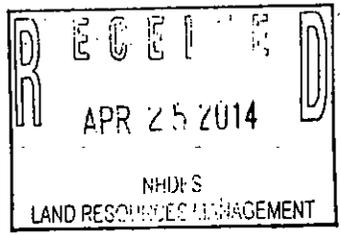
TAX MAP: 26 BLOCK: 2 LOT: 4 UNIT:

US GEOLOGICAL SURVEY-TOPO MAP WATERBODY NAME: Lake Winnepesaukee

LOCATION COORDINATES (If known): 43-6453°/-71-3011° Latitude/Longitude UTM State Plane

7. PROJECT DESCRIPTION Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed explanation of your project. DO NOT reply "See Attached" in the space provided below or your application risks being returned as incomplete.

Construction of a boathouse dug into the banking for the purpose of storing watercraft.



For each jurisdictional area that will be or has been impacted, provide square feet and, if applicable, linear feet of impact. Temporary impacts that are not intended to remain after the project is completed. After the fact work completed prior to receipt of this application by DES.

| | Permanent Sq. Ft. | Permanent Lin. Ft. | Temporary Sq. Ft. | Temporary Lin. Ft. | After-the-fact Sq. Ft. | After-the-fact Lin. Ft. |
|-------------------------------------|-------------------------|-----------------------|-------------------------|--------------------|------------------------|-------------------------|
| Forested wetland | | | | | | |
| Scrub-shrub wetland | | | | | | |
| Emergent wetland | | | | | | |
| Wet meadow | | | | | | |
| Intermittent stream | | | | | | |
| Perennial stream / river | | | | | | |
| Lake or pond | 852 (bed) 165 (bank) | 38 (bed) 30 (bank) | 152 (bed) 195 (bank) | 13 | | |
| Tidal water | | | | | | |
| Salt marsh | | | | | | |
| Sand dune | | | | | | |
| Prime wetland | | | | | | |
| Prime wetland buffer | | | | | | |
| Undeveloped Tidal Buffer Zone (TBZ) | | | | | | |
| Previously-developed upland in TBZ | | | | | | |
| Total: | 1,017 | 34 | 347 | 7 | | |

Surface water dredge and beach replenishment, provide the cubic yards of material: 3 CY of cut within water; 242 CY of cut within bank

Shoreline structures, provide the average shoreline frontage (linear feet), using the formula below:

(Straight line distance pin to pin) + (Actual natural navigable shoreline pin to pin) / 2 = 515

Stream and river projects, provide the watershed size of the contributing watercourse: N/A

8. RELATED FILES (List related files or approvals (Wetlands, Shoreland, Alteration of Terrain, Subsurface, or other))

Wetlands File Number 2011-01913 (repair of existing dock), 2002-01060 (replacement of existing dock)

9. APPLICATION REQUIREMENTS: This application and accompanying items will be returned to you if items outlined in A-E are not provided.

A. Fee: Attach the application fee in the form of a check or money order payable to: "Treasurer, State of NH" (RSA 482-A:31 & Env-Wt 505:01(c))

Minimum Impact Fee (Standard & Expedited Review): Flat fee of \$ 200

OR

Minor or Major Impact Fee (Standard Review): Complete the application fee table below

| | | | |
|--|-------------------------|-------------|-------------------|
| Permanent impacts (non-docking): | <u>1,023</u> sq. ft. | X \$0.20 = | <u>\$ 204.60</u> |
| Temporary impacts (non-docking): | <u>109</u> sq. ft. | X \$ 0.20 = | <u>\$ 21.80</u> |
| Temporary (seasonal) docking structure: | <u> </u> sq. ft. | X \$1.00 = | <u> </u> |
| Permanent docking structure: | <u>900</u> sq. ft. | X \$2.00 = | <u>\$1,800.00</u> |
| Projects proposing shoreline structures add \$200 = | | | <u>\$ 200.00</u> |
| Total = | | | <u>\$2,226.40</u> |
| The Application Fee is the above calculated Total or \$200, whichever is greater = | | | <u>\$2,226.40</u> |

B. Appendix B: Attach a completed U.S. Army Corps of Engineers New Hampshire Programmatic General Permit (PGP) Appendix B - Corps Secondary Impacts Checklist. Link: http://www.nae.usace.army.mil/Regulatory/SGP/NH_PGP.pdf

C. NHB Review: Documentation from the Department of Resources and Economic Development's Natural Heritage Bureau (NHB) indicating that NHB has reviewed your project. Documentation can be obtained online at: https://www2.des.state.nh.us/nhb_datacheck/ or by phone (603) 271-2215 x 323.

Attach the **REQUIRED** letter/memo and map provided by NHB; and

Provide copies of any additional comments received from NHB and/or the NHFG.

Indicate species identified by the NHB Review:

D. Designated Rivers:

1. Is the project within a ¼ mile of a designated river? Y N

Designated river list and map link: <http://des.nh.gov/organization/divisions/water/wmb/rivers/designriv.htm>

2. If yes: Indicate river:

3. As required by RSA 482-A:3,1(d)(2), I have notified the Local River Advisory Committee (LAC) by sending a copy of the complete application and supporting materials via certified mail on: Month: Day: Year:

LAC link: <http://des.nh.gov/organization/divisions/water/wmb/rivers/lac/index.htm>

Surface water dredge and beach replenishment, provide the cubic yards of material: 3 CY of cut within water, 242 CY of cut within bank

Shoreline structures, provide the average shoreline frontage (linear feet), using the formula below:

$$(\text{Straight line distance pin to pin.}) + (\text{Actual natural navigable shoreline pin to pin}) / 2 = 515$$

Stream and river projects, provide the watershed size of the contributing watercourse: N/A

8. RELATED FILES (List related files or approvals (Wetlands, Shoreland, Alteration of Terrain, Subsurface or other):

Wetlands File Number 2011-01913 (repair of existing dock), 2002-01060 (replacement of existing dock)

9. APPLICATION REQUIREMENTS: This application and accompanying items will be returned to you if items outlined in A - H are not provided.

A. **Fee:** Attach the application fee in the form of a check or money order payable to: "Treasurer-State of NH" (RSA 482-A:3, I & Env-Wt 505.01(c))

Minimum Impact Fee (Standard & Expedited Review): Flat fee of \$ 200

OR

Minor or Major Impact Fee (Standard Review): Complete the application fee table below

| | | | |
|--|---------------|-------------|------------|
| Permanent impacts (non-docking): | 1,017 sq. ft. | X \$0.20 = | \$ 203.40 |
| Temporary impacts (non-docking): | 347 sq. ft. | X \$ 0.20 = | \$ 69.40 |
| Temporary (seasonal) docking structure: | sq. ft. | X \$1.00 = | |
| Permanent docking structure: | 916 sq. ft. | X \$2.00 = | \$1,832.00 |
| Projects proposing shoreline structures add \$200 = | | | \$ 200.00 |
| Total = | | | \$2,304.80 |
| The Application Fee is the above calculated Total or \$200, whichever is greater = | | | \$2,304.80 |

B. **Appendix B:** Attach a completed U.S. Army Corps of Engineers New Hampshire Programmatic General Permit (PGP) Appendix B - Corps' Secondary Impacts Checklist. Link: http://www.nae.usace.army.mil/Regulatory/SGP/NH_PGP.pdf

C. **NHB Review:** Documentation from the Department of Resources and Economic Development's Natural Heritage Bureau (NHB) indicating that NHB has reviewed your project. Documentation can be obtained online at: https://www2.des.state.nh.us/nhb_datacheck/ or by phone (603) 271-2215 x 323.

Attach the REQUIRED letter/memo and map provided by NHB; and

Provide copies of any additional comments received from NHB and/or the NHFG.

Indicate species identified by the NHB Review: _____

D. **Designated Rivers:**

1. Is the project within a ¼ mile of a designated river? Y N

Designated river list and map link: <http://des.nh.gov/organization/divisions/water/wmb/rivers/designriv.htm>

2. If yes: Indicate river: _____

3. As required by RSA 482-A:3, I(d)(2), I have notified the Local River Advisory Committee (LAC) by sending a copy of the complete application and supporting materials via certified mail on: Month: ___ Day: ___ Year: ___

LAC link: <http://des.nh.gov/organization/divisions/water/wmb/rivers/lac/index.htm>

E. **USGS Map:** Attach a copy of a U. S. Geological Survey topographic map upon which the property lines and project limits have been outlined (surveyed property boundaries not required). The map must be at an unaltered scale of 1:24,000 or 1" = 2,000 feet (1:25,000 metric map). (Env-Wt 501.02(a)(4) & 505.01(g))
Topographic Map Links: <http://des.nh.gov/organization/divisions/water/wetlands/categories/technical.htm>

F. **Photographs:** Attach legible and labeled color photographs clearly depicting the jurisdictional areas to be impacted, the resource outside of impact area, any shoreline structures and culvert inlet/outlets (Env-Wt 501.02(a)(3) & 505.01(i))

G. **Plans:** Attach plans (Env-Wt 501.02). See Attachments B & C for detailed plan requirements.

H. 1. **Tax Map:** Attach a legible copy or tracing of the tax map from the municipal office (Env-Wt 501.02(a)(1) & 505.01(e))

If applicable items outlined in H. 2 - J are not provided, you may receive a letter requesting the outstanding information. Please note that a DES request letter is a courtesy and applications that do not include the required information may be denied.

2. **Abutter Notification:** Confirm the submitted tax map illustrates the property of the applicant, the location of the proposed project on the property, and the location of properties of abutters (defined Env-Wt 101.03) with each lot labeled with the abutter's name(s) and mailing address(es); or provide a list of abutters' names and mailing addresses to cross-reference with the tax map (Env-Wt 501.02(a)(1) & 505.01(f))

Exemption: Abutter notification shall not be required for logging operations, minimum impact agricultural projects, projects in utility rights-of-way, or public highway construction. (Env-Wt 501.01(c))

Permission: If jurisdictional impacts occur within 20 feet of an abutting property line or imaginary extension thereof over surface water signed permission letter(s) from the affected abutters must be included with this application (Env-Wt 304.04). This letter must be notarized if your project is a boat docking facility (RSA 482-A:3-XIII(c)). Notarized abutter permission is not required for maintenance projects.

I. **Need and Minimization & Avoidance (Env-Wt 302.03, Env-Wt 302.04, 505.01):**

Minimum: Attach statements demonstrating:

1. The need for the proposed project; and
2. That the proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction.

-OR-
Minor & Major: Attach statements in response to the 20 questions in Attachment B

J. **Mitigation: Minor & Major Impact Projects ONLY:** Does the project require compensatory mitigation? Y N

Projects that require mitigation are listed in section Env-Wt 302.03 and mitigation requirements in Chapter Env-Wt 800 of the Wetland Rules Env-Wt 100-900 Link: <http://des.nh.gov/organization/commissioner/legal/rules/documents/env-wt100-900.pdf>

If yes: Attach a completed Mitigation Agreement Form and materials outlined on the form (Env-Wt 501.02(a)(6) & 501.06)
Link: http://des.nh.gov/organization/commissioner/pip/forms/wetlands/documents/mitigation_form.doc

10. PROPERTY OWNER SIGNATURE (authorized applicant or agent signature acceptable with required permission(s) above; 3 & 4)

By signing the application, I am certifying that:

1. All abutters have been identified in accordance with RSA 482-A:3, I and Env-Wt 100-900.
2. I have read and provided the required information outlined in Env-Wt 302.04 for the applicable project type.
3. I have read and understand Env-Wt 302.03 and have chosen the least impacting alternative.
4. Any structure that I am proposing to repair/replace was either previously permitted by the Wetlands Bureau or would be considered grandfathered per Env-Wt 101.44.
5. I have submitted a copy of the application materials to the NH State Historic Preservation Officer.
Link: <http://www.nh.gov/nhdhr/review/>
6. I authorize DES and the municipal conservation commission to inspect the site of the proposed project.
7. I have reviewed the information being submitted and that to the best of my knowledge the information is true and accurate.
8. I understand that the willful submission of falsified or misrepresented information to the New Hampshire Department of Environmental Services is a criminal act, which may result in legal action.
9. I am aware that the work I am proposing may require additional state, local or federal permits which I am responsible for obtaining.
10. The mailing addresses I have provided are up to date and appropriate for receipt of DES correspondence. DES will not forward returned mail.

x 

Kevin P. Clark

11-29-2013

Property Owner / Authorized Applicant / Authorized Agent

Print name legibly

Date

11. APPLICATION SUBMITTAL DIRECTIONS FOR APPLICANT

1. If you are seeking expedited review, submit the original application form and accompanying items to the conservation commission for signature before submitting the application to the town/city clerk for mailing to DES. Standard review applications do NOT require conservation commission signature.
2. All applications require the original application form and accompanying items, with four copies, application fee and any required municipal fees (authorized by RSA 482-A:3, I) are submitted to the town/city clerk for their required signature and mailing via certified mail to DES. Municipal fees means an administrative fee not to exceed \$10 plus the cost of postage by certified mail

12. CONSERVATION COMMISSION SIGNATURE (Expedited review only)

Expedited review requires that the conservation commission's signature is obtained in the space below. Standard review applications do NOT require the conservation commission's signature. The Conservation Commission signature should be obtained prior to submitting the original application and four copies to the town/city clerk for mailing to the DES. The Conservation Commission may refuse to sign. If the Conservation Commission does not sign this statement for any reason, then the application is not eligible for expedited review and the application will be reviewed in the standard review time frame.

- The signature below certifies that the municipal conservation commission has reviewed this application and:
1. Waives its right to intervene per RSA 482-A:11
 2. Believes that the application and submitted plans accurately represent the proposed project and
 3. Has no objection to permitting the proposed work.

Authorized Commission Signature: _____ Print name legibly _____ Date _____

13. TOWN/CITY CLERK (All applications require this section to be completed by the Town/City Clerk)

As required by Chapter 482-A:3 (amended 1991), I hereby certify that the applicant has filed five application forms, five detailed plans, and five USGS location maps with the town/city indicated below and I have received and retained certified postal receipts (or copies) for all abutters identified by the applicant.

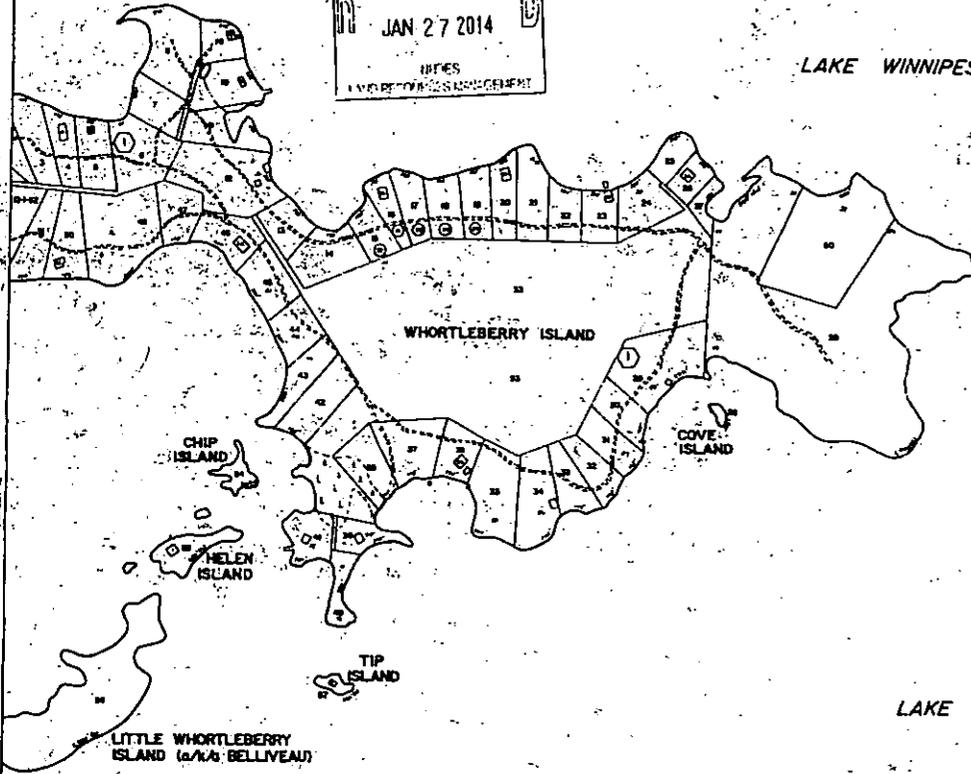
 *Heather Cubeledo* *1-24-14* *Tuffonboro*
Town/City Clerk Print name legibly Date Town/City

APPLICATION SUBMITTAL & MAILING DIRECTIONS FOR TOWN/CITY CLERK

- Per RSA 482-A:3 (d)
1. For applications where "Expedited Review" is checked on page 1, accept the application only if the Conservation Commission signature has been sought (Standard Review Applications do NOT require the Conservation Commission signature).
 2. Collect from the applicant the postal receipts demonstrating that all abutters and the Local Advisory Committee were sent proper notice.
 3. Collect any administrative fees, not to exceed \$10 plus the cost of postage by certified mail (RSA 482-A:3, I).
 4. Immediately sign the original application and four copies in the signature space provided in the space above.
 5. Retain one copy of the application form and all attachments that will remain with the town/city clerk and will be made reasonably accessible to the public.
 6. Immediately distribute a copy of the application with attachments to the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board in accordance with RSA 482-A:3, I, and
 7. **IMMEDIATELY send (DO NOT HOLD FOR OTHER MUNICIPAL REVIEWS) the original application form and attachments and filing fee, by CERTIFIED MAIL to the NHDES Wetlands Bureau at the address indicated on the front of this application.**

RECEIVED
JAN 27 2014
TIFES
LAND REFORM & MANAGEMENT

LAKE WINNIPESAUKEE



TAX MAP 26, BLOCK 2, LOT 10
PETER RICE
MARY ANN RICE

TAX MAP 26, BLOCK 2, LOT 9
WILLIAM REDMOND
CAROLYN REDMOND

TAX MAP 26, BLOCK 2, LOT 2
GEORGE LECLAIR
JOAN LECLAIR

TAX MAP 26, BLOCK 2, LOT 3
JEANNE P. CLARK

TAX MAP 26, BLOCK 2, LOTS 4, 11 & 12
SPINDRIFT TRUST

TAX MAP 26, BLOCK 2, LOT 5
DAVID D. LEE 1994 TRUST

TAX MAP 26, BLOCK 2, LOT 6
PATRICIA A. LEE-REV. LIV. TRUST
PATRICIA & DAVID LEE TRUSTEES

TAX MAP 39,
BLOCK 1, LOT 5
ROST, WEIGEL &

U.S. STATE PL. MAP
SCALE 1" = 100'

TAX MAP
TUFTONBORO, N.H.

BY: SUSAN F. RAMSETHAN MELVIN VILLAGE, N.H.

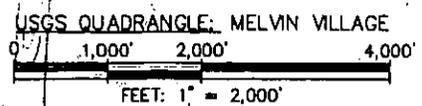


ADDRESS:
100 CHASE POINT ROAD
MIRROR LAKE (TUFTONBORO), NEW HAMPSHIRE

OWNER:
SPINORIFT TRUST

REGENTS
JAN 27 2014
NHDES

USGS Map



PROPOSED STRUCTURES: DUG-IN BOATHOUSE

PURPOSE: EXCAVATE FOR AND CONSTRUCT
DUG-IN BOATHOUSE

LATITUDE: 43.6453' LONGITUDE: -71.3011'

VERTICAL DATUM: NGVD 1929

AGENT:

WHITE MOUNTAIN SURVEY & ENGINEERING, INC.
PO BOX 440, OSSIPEE, NH 03864 (603) 539-4118, whitemountainurvey.com

SHEET
1 OF 1



NEW HAMPSHIRE NATURAL HERITAGE BUREAU
NHB DATACHECK RESULTS LETTER

To: David Aiton, White Mountain Survey & Engineering, Inc.
P.O. Box 440

Ossipee, NH 03864

From: NH Natural Heritage Bureau

Date: 10/4/2013 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau of request submitted 9/27/2013

NHB File ID: NHB13-2909

Applicant: David Aiton

Location: Tuftonboro
Tax Maps: May 26, Block 2, Lot 4

Project
Description: Construction of a dug-in boathouse.

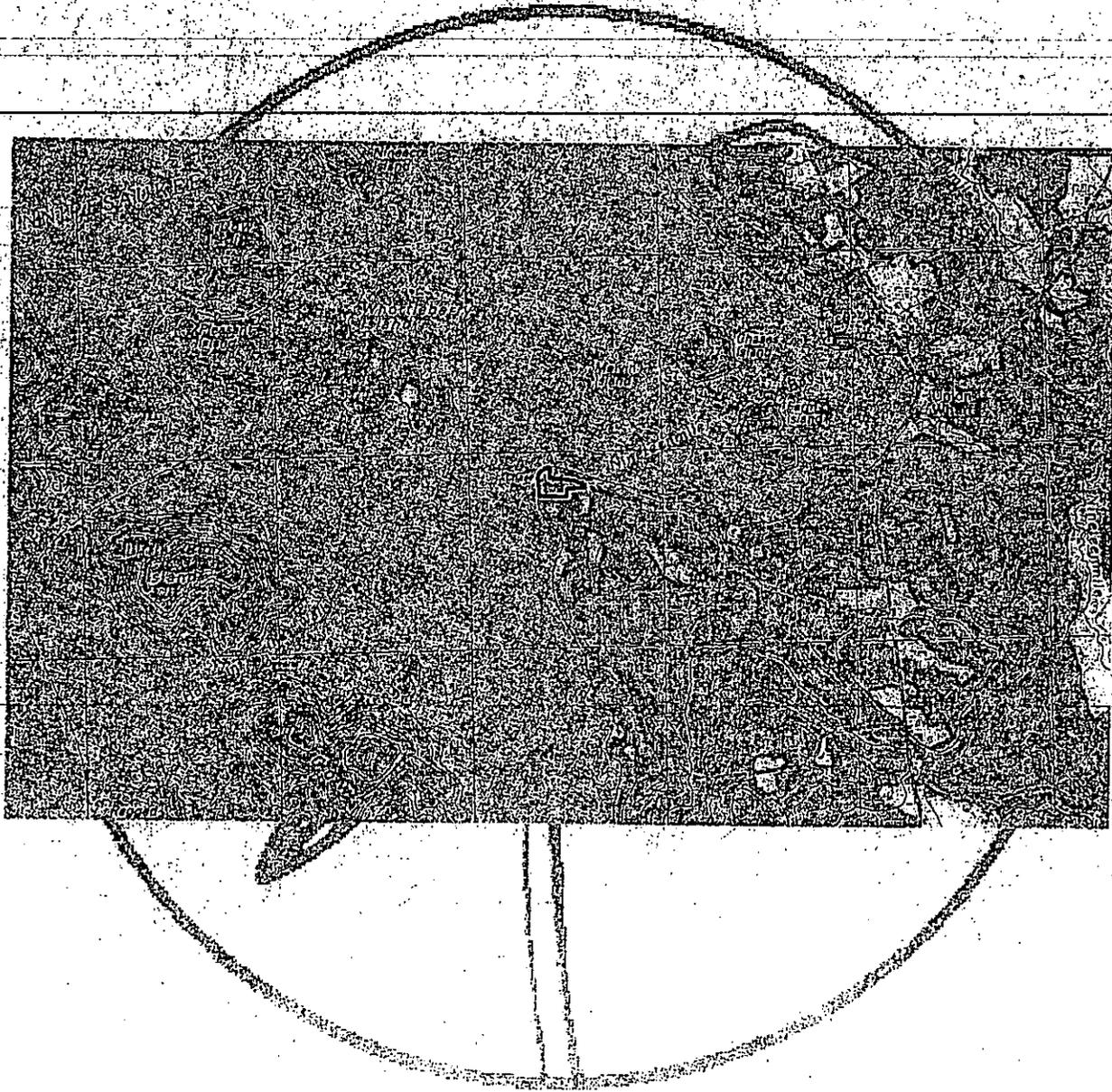
The NH Natural Heritage database has been checked by staff of the NH Natural Heritage Bureau and/or the NH Nongame and Endangered Species Program for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government.

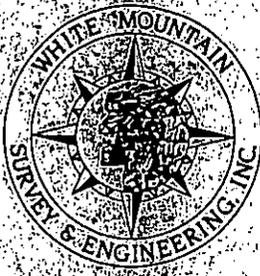
It was determined that although there was a NHB record (e.g., rare wildlife, plant, and/or natural community) present in the vicinity, we do not expect that it will be impacted by the proposed project. This determination was made based on the project information submitted via the NHB Datacheck Tool on 9/27/2013, and cannot be used for any other project.



NEW HAMPSHIRE NATURAL HERITAGE BUREAU
NHB DATACHECK RESULTS LETTER

MAP OF PROJECT BOUNDARIES FOR: NHB13-2909





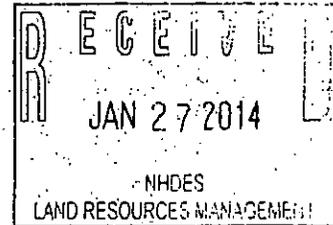
WHITE MOUNTAIN SURVEY & ENGINEERING, INC.

1270 ROUTE 16, POST OFFICE BOX 440
OSS�PEE, NH 03864-0440
TELEPHONE (603) 539-4118 FACSIMILE (603) 539-7912
WEB ADDRESS: www.whitemountainsurvey.com

100 Chase Point Road
Mirror Lake (Tuftonboro), New Hampshire

Abutters List

| Tax Map/Lot Number | Owner |
|-------------------------|--|
| 26/2-4 (Subject Parcel) | Spindrift Trust |
| 26/2-11 | |
| 26/2-12 | |
| 26/2-2 | George Leclair Joan Leclair |
| 26/2-3 | Jeanine P. Clark |
| 26/2-5 | David D. Lee 1994 Trust |
| 26/2-6 | Patricia A. Lee Rev. Liv. Trust Patricia & David Lee Trustees |
| 26/2-9 | William Redmond Carolyn Redmond |
| 26/2-10 | Peter Rice Mary Ann Rice |
| 39-1-5 | Rost, Weigel & Lee |

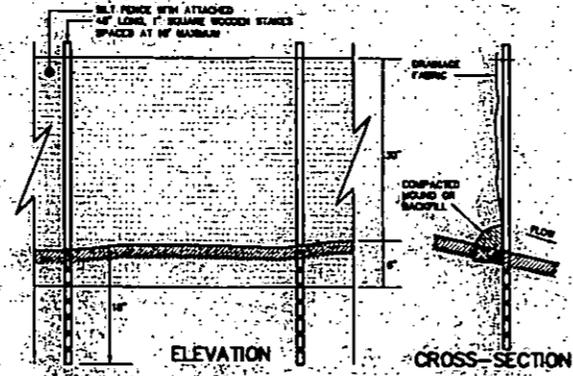
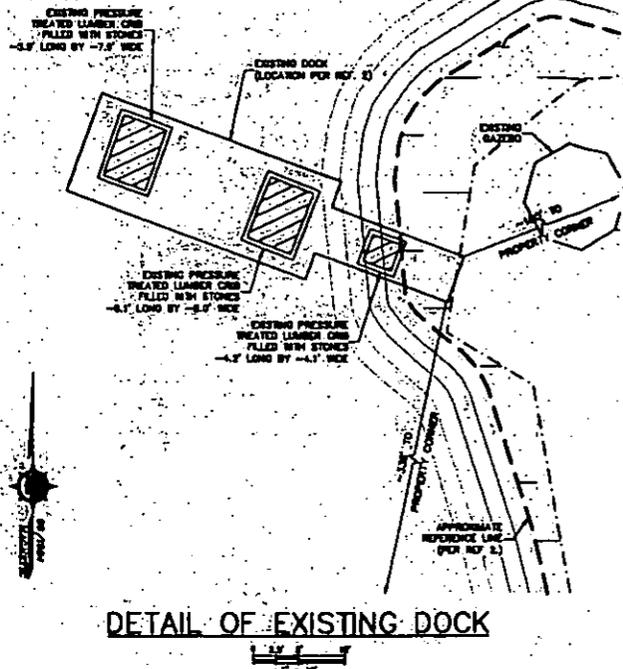


Wetland Scientist

North Country Soil Services
PO Box 442
West Ossipee, NH 03890

Agent

White Mountain Survey & Engineering, Inc.
PO Box 440
Ossipee, NH 03864



INSTALLATION

- THE FENCE SHALL BE INSTALLED ALONG THE INTENDED FENCE LINE AS SHOWN IN PLAN VIEW.
- LAY OUT THE FENCE USING THE INTENDED FENCE LINE.
- STRETCH SILT FENCE AS TIGHTLY AS IS PRACTICABLE TO THE GROUND.
- WITH POSTS AT THE "BACKSIDE" OF THE FENCE LINE, DRIVE ALL POSTS INTO THE GROUND AS SHOWN.
- LAY BOTTOM 1\"/>

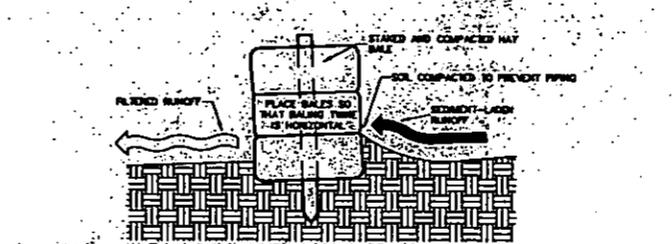
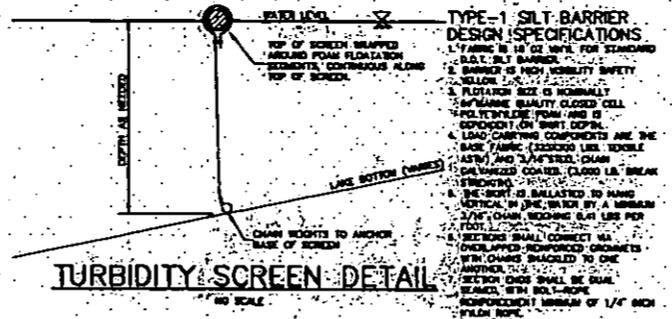
MATERIAL

- SILT FENCE SHALL BE CONFORMANT TO APPROVED POLYPROPYLENE SILT FENCE FABRIC.
- SILT FENCE SHALL MEET THE FOLLOWING MINIMUM PHYSICAL PROPERTIES INDICATED:
- MINIMUM TENSILE STRENGTH - 700 LB/100\"/>

MULCH BERM ALTERNATE

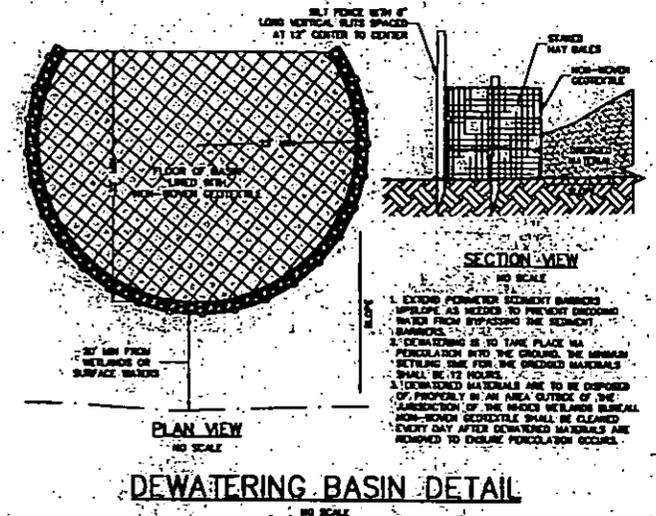
MULCH BERM ALTERNATE TO SILT FENCING - USE MATERIAL DERIVED FROM WOOD PINE BARK/WOOD MULCH THAT CONFORMS TO THE FOLLOWING:

- APPLY 2\"/>



TYPE-1 SILT BARRIER DESIGN SPECIFICATIONS

- FABRIC IS 18\"/>



SECTION VIEW

- EXTEND FORMER SCOUR BARRIERS UPSTREAM AS NEEDED TO PREVENT DOWNDRIFT INTO THE CHANNEL.
- SCOURING IS TO TAKE PLACE IN PENETRATION INTO THE CHANNEL. THE CHANNEL SETTLING TIME FOR THE DOWNSTREAM MATERIALS SHALL BE 12 HOURS.
- SCOURING MATERIALS ARE TO BE DEPOSITED PROPERLY IN AN AREA OUTSIDE OF THE JURISDICTION OF THE BASIN. MATERIALS SHALL BE CLEANED UP AND REMOVED FROM THE BASIN EVERY DAY AFTER DOWNSCOURING MATERIALS ARE REMOVED TO PREVENT POLLUTION OCCURS.

CONSTRUCTION SEQUENCING AND EROSION/SEDIMENT CONTROL

SWQPA REGULATIONS REQUIRE THAT THE FOLLOWING STEPS BE TAKEN IN ORDER TO MINIMIZE THE EROSION OF SOIL FROM WITHIN THE LIMITS OF WORK. THESE MEASURES ARE CRITICAL TO MINIMIZING THE IMPACT TO THE WATERSHED AND SURFACE WATER QUALITY. FAILURE TO FOLLOW THESE MEASURES CAN LEAD TO FINELAY AND FINE.

- MAINTAIN A COPY OF THE PLAN ON-SITE AT ALL TIMES.
- DETERMINE AND ASSIGN RESPONSIBILITY TO INDIVIDUALS FOR EACH ASPECT OF THE EROSION CONTROL MEASURES (INSTALLATION, MAINTENANCE, AND RECORD KEEPING).
- COORDINATE SCHEDULING OF INSTALLATION AND MAINTENANCE OF THE EROSION CONTROL MEASURES WITH THE SITE WORK CONSTRUCTION SEQUENCING.

- INSTALL EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCE, TURBIDITY SCREEN AND TEMPORARY COFFORDAM) PRIOR TO ANY ACTIVITY THAT WILL INFLUENCE OR AFFECT THE STABILITY OF BANK OR LAKE BOTTOM AREAS. PRIOR TO ANY CLEARING OR EXCAVATION, INSTALL CONSTRUCTION FENCE AS SHOWN IN SITE PLAN. PRIOR TO EXCAVATION FOR THE FOUNDATION OF THE BOATHOUSE, INSTALL TEMPORARY COFFORDAM AS SHOWN ON SITE PLAN. PRIOR TO EXCAVATION OF LAKEBED FOR CHANNEL TO THE BOATHOUSE, INSTALL TURBIDITY SCREEN AS SHOWN ON SITE PLAN.
- CLEAR AREAS ONLY AS NEEDED TO MEET THE REQUIREMENTS OF THE SPECIFIC CONSTRUCTION TASK TO BE COMPLETED.
- EXCAVATED AND EXPOSED MATERIALS (SOIL OR BEDROCK) ARE TO BE COVERED BY AN AREA OUTSIDE OF THE BERMAY'S JURISDICTION.
- WORK WITHIN WATERSHED BOUNDARIES SHALL BE DONE IN THE DRY EITHER DURING PERIODS OF LOW WATER OR BEING TEMPORARY COFFORDAM.
- BOATHOUSE STEWORY CONSTRUCTION SEQUENCING
 - PRIOR TO ANY EXCAVATION OR EXCAVATION, CONTRACTOR SHOULD BECOME FAMILIAR WITH THE LIMITS OF THE PROPOSED WPA AREA.
 - INSTALL SILT FENCE AS SHOWN ON PLAN. ADDITIONAL SILT FENCE MAY BE NECESSARY AT THE TOP OF BANK TO DISBURSE THAT SEDIMENT DOES EXCEED WATERSHED DURING TREE REMOVAL.
 - REMOVE TREES SHOWN AS TO BE REMOVED ON PLAN. VEGETATION IN AREAS NOT SHOWN AS TO BE IMPACTED SHOULD BE PRESERVED AS MUCH AS POSSIBLE.
 - CONSTRUCT TEMPORARY COFFORDAM OF 6\"/>
- DESIGN FOR THE CONSTRUCTION BOATHOUSE FOUNDATION. RE-SEEK ANY DISTURBED AREAS WITH GRASS MIX AS NEEDED IN WATERSHED SPECIFICATIONS NOTE.
- ONCE FOUNDATION HAS CURED AND DISTURBED AREAS ARE STABILIZED, REMOVE TEMPORARY COFFORDAM.
- INSTALL TURBIDITY SCREEN AS SHOWN ON PLAN AND DETAIL.
- EXCAVATE LAKEBED CHANNEL TO BOATHOUSE.
- INSTALL REPAIR SLAB REINFORCEMENT ON UNDERPINNERS BY SURFACES ONLY.
- PLANT BOATHOUSE AND DECORATE.
- REVEGETATE ANY AREAS SHOWING SIGNS OF INSTABILITY AS NOTED IN WPA STEWORY SPECIFICATIONS AND VEGETATION WITHIN SWQPA NOTES.

- ON A DAILY BASIS FROM THE BEGINNING OF THE SITE WORK CONSTRUCTION, MAINTAIN ALL SEDIMENT AND EROSION CONTROL MEASURES.
 - INSTALL AS NEEDED AND INSPECT TURBIDITY SCREEN, SILT FENCE AND CONSTRUCTION FENCE.
 - TURBIDITY SCREEN, SILT FENCE AND CONSTRUCTION FENCE SHALL BE REPAIRED OR REPLACED AND KEPT CLEAR OF SEDIMENT UNTIL CONSTRUCTION IS COMPLETED.
 - ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4\"/>

SITWORK SPECIFICATIONS

CLEARING AND CRUSHING

ALL AREAS WITHIN THE LIMITS OF WORK SHALL BE CLEARED OF ROOTS, ROCKS AND UNSUITABLE MATERIALS ONLY SO MUCH AS REQUIRED FOR PROPER PLACEMENT OF PREPARED STABILIZATION MATERIAL.

GEOTEXTILES

- Geotextiles shall have the following properties:
 - Permeability (ASTM D6355) 100% minimum
 - UV Resistance (ASTM D6355) 100% minimum
 - Weight (ASTM D6355) 4 oz/sq yd minimum
 - Strength (ASTM D6355) 4 lb/ft minimum

SEEDING AND MULCHING

- DISTURBED AREAS AND AREAS LABELLED TO BE RESTORED SHALL HAVE THE TOP FOUR INCHES OF SOIL RECORDED BY SHOVEL UP WITH A SHovel, RECORDING STAKES, SIZES, DEPTHS AND OTHER DATA.
- LOAM COMPOST AND FERTILIZED LOAM SHALL BE MIXED INTO THE TOP 4 INCHES OF TOPSOIL. LOAM SHALL BE FRAGILE, FREE OF STRIPS, ROCKS AND OTHER UNSUITABLE MATERIAL AND SHALL NOT BE SPREAD WHEN WET.
- LOAM SHALL BE SEEDING BY HAND OR BROADCAST WITH MACHINERY WITH 44 LB 80 LBS PER ACRE.
- SEED SHALL BE COVERED WITH 1\"/>

LOADING AND LOAM AMENDMENTS

- ALL REMAINING DISTURBED AREAS SHALL HAVE FOUR INCHES OF MULCH INSTALLED. MULCH SHALL BE FRAGILE, FREE OF STRIPS, ROOTS AND OTHER UNSUITABLE MATERIAL AND SHALL NOT BE SPREAD WHEN WET.
- ALL MULCH-APPLIED AREAS SHALL BE FERTILIZED AND SEEDING BY HAND, BROADCAST OR HYDROSEED, WITH MACHINERY WITH 44 LB 80 LBS PER ACRE.
- SEED SHALL BE APPLIED IMMEDIATELY AFTER SEEDING UNLESS HYDROSEEDING IS USED THAT INCLUDES A MULCH AND TACKLER. HYDROSEEDING NOTWITHSTANDING, MULCH SHALL CONSIST OF DRY STRAW OR HAY OR HAYLESS HAY SPREAD BY HAND OR MACHINE AND SHALL OTHER CONTAIN A TACKLER OR NAME A TACKLER APPLIED.

FERTILIZER

- NO FERTILIZER. EXCEPT FERTILIZED LIMESTONE, SHALL BE USED WITHIN 25 FEET OF THE REFERENCE LINE OF THE LAKE OR WPA.
- AREAS BETWEEN 25' AND 200' FROM THE REFERENCE LINE MAY BE FERTILIZED WITH A LOW PHOSPHORUS, SLOW RELEASE NITROGEN FERTILIZER WITH NO MORE THAN 25% PHOSPHOROUS AND A NITROGEN COMPONENT WHICH IS AT LEAST 50% SLOW RELEASE NITROGEN COMPONENTS.
- FERTILIZER SHALL NOT BE APPLIED UNTIL GRASS IS AT LEAST 3 INCHES TALL.

VEGETATION WITHIN SWQPA

1. REMOVAL OF VEGETATION WITHIN THE SWQPA

A. THE WATERFRONT BUFFER

- THE FOLLOWING VEGETATION IS ALLOWED TO BE REMOVED WITHIN THE WATERFRONT BUFFER:
 - ROAD, DECKED OR UNSAFE WHEEL LIMBS, SAPLINGS OR SHRUBS NOT INCLUDED WITHIN THE WATERFRONT BUFFER AND SCOURING.
 - OTHER VEGETATION AS LONG AS THE REMAINING TREES MEET THE MINIMUM SCORE VALUE FOR THE WATERFRONT TREE SCORE.
- REMOVAL OF VEGETATION IS TO BE DONE IN THE FOLLOWING MANNER:
 - DAMAGE TO SURROUNDING VEGETATION IS PROHIBITED AND REMOVAL OF VEGETATION SHOULD MINIMIZE DAMAGE TO GROUND COVER.
 - INSTALL EROSION CONTROL MEASURES AS NECESSARY TO PREVENT SOIL EROSION.
 - SEEDS AND ROOT SYSTEMS ARE TO BE LEFT INTACT. SCRAPES CAN BE CROWD TO JUST BELOW GRADE AND COVERED WITH SOIL.
 - IF WPA'S ENFORCEMENT IS NOTIFIED BY A VIOLATION, THE BURDEN OF PROOF IS ON THE CONTRACTOR OR OWNER THAT VEGETATION WAS ABLE TO BE REMOVED PRIOR TO REMOVAL OF VEGETATION. CONTRACTOR OR OWNER IS OBLIGATED TO PHOTOGRAPH VEGETATION AND/OR HAVE CERTIFICATION OF CONDITION OF VEGETATION BY A PROFESSIONAL EXPERTISED TREE HEALTH.
- THE WATERSHED BUFFER
- AREAS OF VEGETATION INDICATED ON THE PLAN AS UNHARMED ARE TO REMAIN AS SUCH. TYPE OF CUTTING (BRUSH, PRUNING, MOWING, ETC.)
- WEED, DECKED OR UNSAFE TREE LIMBS OR SHRUBS THAT POSE A HAZARD TO STRUCTURES OR PEOPLE MAY BE REMOVED REGARDLESS OF BEING WITHIN AN UNHARMED AREA. VEGETATION SHOULD BE REMOVED IN A MANNER THAT MINIMIZES DAMAGE TO SURROUNDING VEGETATION.

B. RESTORATION OF VEGETATION WITHIN THE SWQPA

- DOCUMENTATION OF RESTORATION
- DURING AND FOLLOWING COMPLETION OF PLANTING AND RESTORATION ACTIVITIES, MONITOR THE PROJECT AREA WITHIN THE WATERSHED BUFFER FOR THE FIRST FOUR WEEKS. DOCUMENT THE SUCCESS OF EFFORTS WITH PHOTOGRAPHS AND A WRITTEN DESCRIPTION OF PROGRESS AND ANY MEASURES TAKEN TO IMPROVE EFFICIENCY.
- FOR THE REMAINDER OF THE GROWING SEASON, MONITOR AND DOCUMENT ON A MONTHLY BASIS.
- MONITOR THE RESTORATION AREA AT THE BEGINNING OF THE FOLLOWING GROWING SEASON. REPAIR OR REPLACE ANY VEGETATION DAMAGED OR KILLED DURING THE GROWING SEASON.
- CONTINUE MONTHLY MONITORING OF THE RESTORATION AREA FOR TWO SUCCESSIVE GROWING SEASONS.

B. EROSION CONTROL

- WHERE NEEDED, INSTALL HAY BALES OR SILT FENCE BETWEEN PLANTING AREAS AND THE REFERENCE LINE PRIOR TO EXCAVATING HOLES FOR TRANSPLANTED TREES OR DISTURBING TOP SOIL. BEGIN BY PLANTING VEGETATION NEAREST TO THE REFERENCE LINE AND CONTINUE LATERALWARD. REDUCE IMPACT TO EXISTING UNDERGROUND BY HANDING CONSTRUCTION EQUIPMENT ONLY THROUGH AREAS TO BE RESTORED.
- INSPECT THE RESTORATION AREA ON A REGULAR BASIS TO ENSURE ADEQUATE WATER SUPPLY TO ALLOW VEGETATION TO BECOME WELL-ESTABLISHED. REPAIR ANY DISTURBED AREAS IMMEDIATELY UPON OCCURRENCE OF NEED TO DO SO.
- ONCE THE AREA IS STABILIZED AND VEGETATION IS ESTABLISHING, MONITOR GROWTH. CAREFULLY REMOVE HAY BALES AND SILT FENCE.

C. INVASIVE SPECIES CONTROL

- MONITOR ALL DISTURBED AND RESTORED AREAS REGULARLY FOR ESTABLISHMENT OF INVASIVE SPECIES SUCH AS PURPLE LOOSESTRIFE (LYTHRUM SALICARIA) OR COMMON REED (PHARAGMITES ALTERNATA).
- REMOVE PLANTS IDENTIFIED BY HAND AS SOON AS IT IS IDENTIFIABLE. MAKE SURE THAT ALL PIECES OF ROOT SYSTEM ARE REMOVED AND CUT OUT THE PLANT MATERIAL. IMMEDIATELY BEFORE REMOVAL, REMOVE PLANT MATERIAL SHOULD BE BURNED. OTHERWISE, PLACE ALL PLANT MATERIAL IN A CLOSED BLACK PLASTIC BAG IN THE SUN FOR SEVERAL DAYS TO KILL THE PLANT AND SEEDS.
- COMMON REED CAN BE CONTROLLED BY FREQUENT CUTTING AND PULLING OF SHOOTS DURING THE LATE GROWING SEASON.
- JAPANESE BARBERSHIP SHOULD BE PULLED OUT AT THE EARLIEST OPPORTUNITY. IF MOST OF THE CROWN IS REMOVED, IT DOES NOT RE-GROW.
- IN ALL CASES, THE BEST METHOD OF CONTROL IS TO MAINTAIN HEALTHY GROUND COVER IN ALL AREAS TO MINIMIZE OPPORTUNITY FOR UNWANTED INVASIVE SPECIES TO GAIN A FOOTHOLD.

| | | | | | |
|---|--|---|--|---|---|
| LEGEND DATE: 05/23/2014 REVISION: | REFERENCES 1. CARROLL COUNTY DEPARTMENT OF PUBLIC WORKS (2008) BOATHOUSE, DATES GIVEN ARE DATES OF EXECUTION. 2. "RESTORATION OF LAND OF N. BRADY BRIDGES" BY WHITE MOUNTAIN SURVEY CO., INC. DATED 7/26/2008. | Proposed Dug-in Boathouse Notes and Details FOR Spindrift Trust 100 Chase Point Road Mirror Lake (Tulstabor), New Hampshire | CERTIFICATION I, THE UNDERSIGNED, HAVE REVIEWED THE ABOVE SPECIFICATIONS AND HAVE FOUND THEM TO BE COMPLETE AND CORRECT. I AM NOT PROVIDING ANY GUARANTEE, WARRANTY OR ASSURANCE OF ANY KIND. MY SERVICES ARE SOLELY FOR DESIGN PURPOSES. THIS PLAN IS NOT TO BE USED FOR CONSTRUCTION OR FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER. PLAN PREPARED BY: WHITE MOUNTAIN SURVEY & ENGINEERING, INC. DATE: JANUARY 23, 2014 | LOCATION PLAN Grids NORTH | SHEET 2 of 2 FIELD: 05/23/2014 COMPS: 05/23/2014 CAD: 05/23/2014 MAIN DR: 05/23/2014 PLAN DR: 05/23/2014 |
| | | | | | |

